

# Combined Facilities & Finance Committee Meeting

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October 19, 2021 - CSHS - 6:00pm



# PENNCREST capital budget & related projects/equipment



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	Description	GESA	2021	GESA	2022	GESA	2023	2024	2025
	Beginning Balance (July 1)		\$ 1,221,528		\$ 1,479,528		\$ 794,028	\$ (687,372)	\$ (1,282,272)
	Transfer from General Fund		\$ 500,000		\$ 400,000		\$ 400,000	\$ 400,000	\$ 400,000
	Cash Balance		\$ 1,721,528		\$ 1,879,528		\$ 1,194,028	\$ (287,372)	\$ (882,272)
<b>PENNCREST</b>									
	Smart/TV		\$ 50,000		\$ 50,000				
	Data Center Upgrade								\$ 75,000
	Switches & Routers						\$ 45,000	\$ 60,000	
	iPads (sec)								\$ 250,000
	iPads (elem)							\$ 250,000	
	MacBooks						\$ 450,000		
	Trucks & Vans		\$ 90,000		\$ 90,000		\$ 30,000		
<b>CSES</b>									
	Floor Covering Replacement				\$ 150,000				
	Playground Upgrade		\$ 10,000						
<b>CSHS</b>									
	Athletic Facility Improvements		\$ 20,000		\$ 45,000		\$ 763,200	\$ 312,400	\$ 1,300
	Auditorium Repairs						\$ 120,000		
<b>MES</b>									
	Playground Upgrades				\$ 10,000				
	Asphalt Tar & Chip				\$ 60,000				
<b>MHS</b>									
	Athletic Facility Improvements		\$ 12,000		\$ 65,000		\$ 51,000	\$ 243,000	\$ 460,000
	Parking Lot Drainage							\$ 125,000	
	Asphalt Tar & Chip				\$ 60,000				
<b>SES</b>									
	Floor Covering Replacement						\$ 150,000		
	Playground Upgrade		\$ 10,000						
	Restroom Repairs		\$ 50,000						
<b>SHS</b>									
	Athletic Facility Improvements		\$ -		\$ 480,500		\$ 272,200	\$ 4,500	\$ 1,500
	Auditorium Repairs				\$ 75,000				
<b>Total</b>			<b>\$ 242,000</b>		<b>\$1,085,500</b>		<b>\$ 1,881,400</b>	<b>\$ 994,900</b>	<b>\$ 787,800</b>

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# Initial GESA conversation

timeline



1. Study & IGA (1-7/20)
    - a. 7/20 presentation
  2. Scope of Work (10/20)
  3. McClure Contract (11/20)
  4. Financing
    - a. Bond 2020 (12/20)
    - b. Bond 2021 (3/21)
    - c. ESSERS II (6/21)
    - d. ESSERS III (6/21)
  5. Phase I (1/21-10/21)
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# PENNCREST School District

## Campus Feasibility Cost and Savings Matrix

ID	Energy Conservation Measures	Saegertown Ele	Saegertown HS	Maplewood Ele	Maplewood HS	Cambridge Springs HS	Cambridge Springs Ele
1	Interior/Exterior Lighting Upgrades	X	X	X	X	X	X
2	Building Wide Envelope and Sealing	X	X	X	X	X	X
3	District Digital Control Packages	X	X	X	X	X	X
4	Central Plant Inc. Domestic Hot Water, Pumps and VFD's	X		X	X		
5	Domestic Hot Water Plant including Pumps and VFD's		X				
6	Classroom Unit Ventilators and Terminal Heating Equipment	X	X	X	X	X	X
7	Large Group Heating and Cooling Systems	X	X	X	X	X	X
8	Exhaust and Ventilation Systems	X	X	X	X	X	X
9	Door Replacements with Key Fob Security Systems	X	X	X		X	X
11	Cooling Upgrades for select Classroom areas (300 Wing)	X					
12	Water Fountain Bottle Fill Systems with Bubblers	X	X	X	X	X	X
13	Entry Redesign with ADA access and Security Upgrades		X			X	
14	Asbestos Removal and Flooring Upgrades			X			
15	Windows and Glass Package			X			
16	Plumbing and Piping Fixes			X			
17	Abandoned Equipment Removal					X	



# Maplewood Campus GESA Phase I - 2021



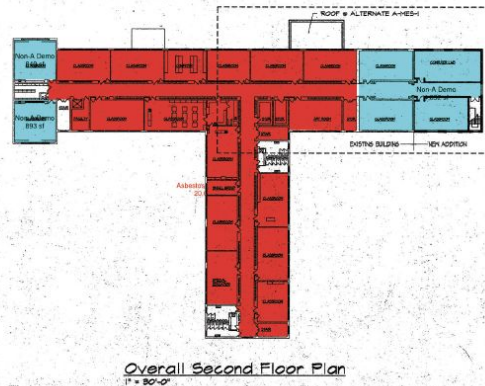
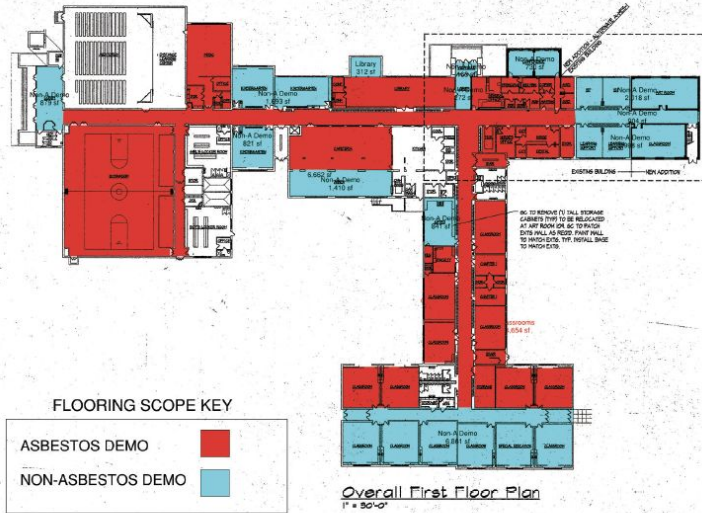
\$9,123,493

ECM#

# Maplewood Elementary School

1	Building Wide Interior/Exterior LED Lighting Upgrades
2	Building Wide Envelope Improvements
5	Central Heating Plant Upgrades including Pumps/VFD's
5	HVAC Replacements inc. Controls Package, Classrooms UV's, Gym, Office, IT, Training Room and Misc.
4	Plumbing Piping Replacements (Building Wide Piping Mains)
3	Water Fountain Replacements with Touchless Bottle Fillers
6	Building Wide Window Replacements
7	Exterior Door Replacements including New Secure Main Entrance
8	Asbestos Abatement and New Flooring Inc. Gymnasium
4	Ceiling Replacements (Hallways and Corridors)
7	Main Entrance Renovation Inc. Concrete and Handrails with ADA

# Scope of Work Map





# Maplewood Junior/Senior High School

1	Building Wide Interior/Exterior LED Lighting Upgrades
2	Building Wide Envelope Improvements
9	Central Heating Plant Upgrades including Pumps/VFD's
9	HVAC Replacements inc. Controls Package, Classrooms, Music, Library, Office, Aux. Gym and Misc.
10	Secure Main Entrance and Gym Entrance Door and Associated Window Replacements
11	Bathroom Carpet Removal and Finish Walls
11	Door Handle Replacements with ADA Compliance
10	Main Entrance and Gym Entrances, Flooring and Walk off Mats & Classroom Carpet
3	Water Fountain Replacements with Touchless Bottle Fillers

# Saegertown Campus GESA Phase II - 2022



July 2020

# Existing Conditions

## Saegertown Elementary

**Building Constructed: 1960**

**Renovations: 1989, 1999**

**Utility Costs: \$68,109**

**Square Footage: 99,800**

### Recommended Facility Improvements

- Building Wide HVAC/Control Upgrades
- Central Heating Plant
- Building Envelope
- Ceiling Replacements and LED Lighting Upgrades
- Other Energy and Capital Opportunities



July 2020



# Existing Conditions

## Saegertown High School

**Building Constructed: 1970**

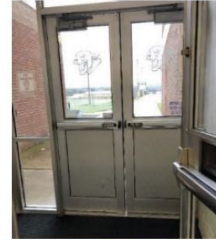
**Various Renovations: 1989, 1999 and 2006**

**Utility Costs: \$100,983**

**Square Footage: 133,000**

### Recommended Facility Improvements

- Security Entrances, Doors and Lobbies
- Ceiling Replacements and LED Lighting Upgrades
- Building Wide HVAC/Control Upgrades
- Domestic Hot Water Plant
- Window Replacements
- Building Envelope
- Other Energy and Capital Opportunities



# Cambridge Springs Campus GESA Phase III





July 2020

# Existing Conditions

## Cambridge Springs Elementary School

**Building Constructed: 1958**

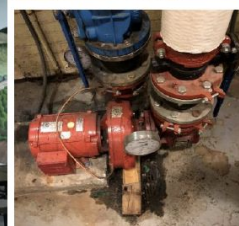
**Renovations: 1958, 1962 and 1970**

**Utility Costs: \$44,139**

**Square Footage: 68,000**

### **Recommended Facility Improvements**

- Security Entrances, Doors and Lobbies
- Building Wide HVAC/Control Upgrades
- Ceiling Replacements with LED Lighting Upgrades
- Centralized HVAC Plant
- Other Energy and Capital Opportunities



July 2020

# Existing Conditions

## Cambridge Springs High School

**Building Constructed: 1951**

**Renovations: 1965, 1989 and 2000**

**Utility Costs: \$122,714**

**Square Footage: 105,481**

### Recommended Facility Improvements

- Security Entrances, Doors and Lobbies
- Building Wide HVAC/Control Upgrades
- Building Envelope
- Central Plant with Domestic Water
- Ceiling Replacements and LED Lighting Upgrades
- Bathroom Upgrades Inc. ADA Compliance



Summer 2019 - SES and SHS gym

**Roofs**

Consultation

Tremco (Spring 2019)

Garland (Spring 2020)





The following proposed schedule for **Saegertown HS** will be adhered to:

- 09/24/2021, Submit request for “Prevailing Wages Project Rates” to PA DLI by Ken Dengler.
- 11/01/2021 @ 10AM (Appointment), Project Manual submitted by Ken Dengler/Dan Becker to David Dickson for review.
- 11/03/2021, 11/08/2021, and 11/15/2021 -Bid advertisement dates in the local newspaper.
- 11/17/2021, Mandatory Pre-Bid meeting at 10:00 am.
- 11/30/2021, bids due and opened at 1:30 pm @ District Administration location.
- 12/09/2021, Bids reviewed for the Project to be awarded at the Board meeting.
- 6/13/2022, Construction begins.
- 8/26/2022, Construction completed.

# Roof Estimates

## Penncrest School District - Roof Management Plan

*\*2021---Actual cost of project (Slippery Rock Roofing)*

*\*\*2022 -2024 budget estimates adjusted for project scope/inflation*

	Priority for 2021
	Priority for 2022
	Priority for 2023
	Priority for 2024

Facility	Roof Sq Ft	2021*	2022**	2023**	2024**
Cambridge Springs Elementary	71,515				\$2,073,935
Cambridge Springs High School	77,135			\$2,044,077	
Maplewood High School	70,044	\$1,617,439			
Saegertown High School	70,091		\$2,235,902		
	288,785	\$1,617,439	\$2,235,902	\$2,044,077	\$2,073,935

## 2020 & 2021 Bonds AND ESSERS II & III

ESSERS II - \$2,250,000 - HVAC & Air  
Quality

ARP-ESSERS(III) - \$3,100,000 - Air Quality

Remaining 2020 & 2021 Bonds - \$8,951,000



Total funds available - \$14,301,000

# Estimated GESA Expenses

SES & SHS - \$11,634,908

CSES - \$3,350,126 (low range, July 2020)

CSHS - \$5,267,138 (low range, July 2020)



## Remaining GESA Projects and Roofs

Estimated GESA - \$20,252,172

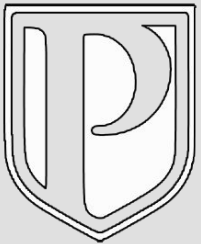
Estimated Roofs - \$6,353,914

Total Funds available - 14,301,000

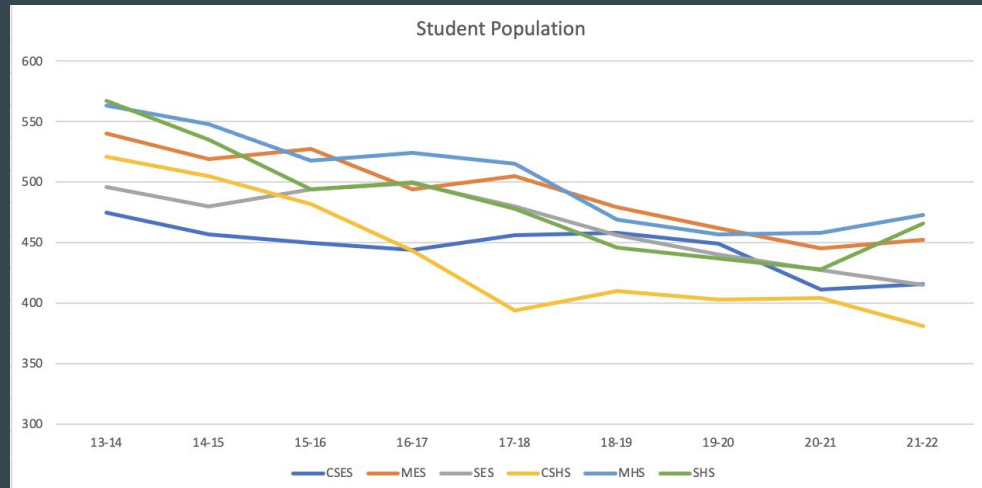
Shortfall - (\$12,305,086)



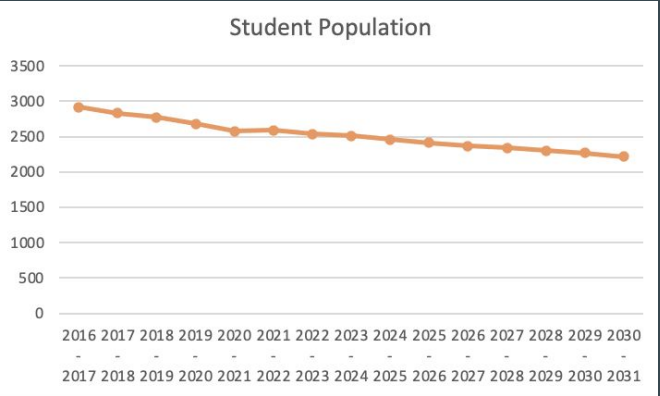
# Student Population Trends



	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22
<b>CSES</b>	475	457	450	444	456	458	449	411	416
<b>MES</b>	540	519	527	494	505	479	462	445	452
<b>SES</b>	496	480	494	499	480	456	440	427	415
<b>CSHS</b>	521	505	482	443	394	410	403	404	381
<b>MHS</b>	563	548	518	524	515	469	457	458	473
<b>SHS</b>	567	535	494	500	478	446	437	428	466
	<b>3162</b>	<b>3044</b>	<b>2965</b>	<b>2904</b>	<b>2828</b>	<b>2718</b>	<b>2648</b>	<b>2573</b>	<b>2603</b>



# New PDE Student Population projections



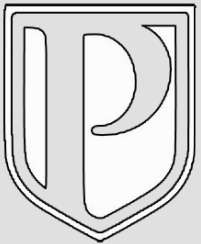
School Year	K	001	002	003	004	005	006	007	008	009	010	011	012	
2016 - 2017	195	192	182	219	210	230	209	253	199	224	275	260	266	2914
2017 - 2018	198	192	193	181	221	212	244	209	246	198	228	258	254	2834
2018 - 2019	198	204	197	194	189	219	211	241	222	243	189	224	239	2770
2019 - 2020	171	192	203	195	203	179	216	230	233	214	238	185	222	2681
2020 - 2021	157	160	187	195	191	194	189	219	215	232	209	242	184	2574
2021 - 2022	185	183	160	185	199	186	199	193	216	213	228	205	235	2587
2022 - 2023	187	196	183	158	189	194	191	204	190	214	209	223	199	2537
2023 - 2024	176	198	196	181	161	184	199	195	201	189	210	205	217	2512
2024 - 2025	161	187	198	194	185	157	189	204	192	200	186	206	199	2458
2025 - 2026	158	171	187	196	198	181	161	193	201	191	196	182	200	2415
2026 - 2027	155	167	171	185	200	193	185	165	190	200	188	192	177	2368
2027 - 2028	151	164	167	169	189	195	198	189	162	189	196	184	187	2340
2028 - 2029	148	160	164	165	172	184	200	203	186	161	186	192	179	2300
2029 - 2030	145	157	160	162	168	168	189	205	200	185	158	182	187	2266
2030 - 2031	142	153	157	158	165	164	172	193	202	199	182	155	177	2219



# Cyber School

Full-Time	Elementary Out of District Cyber	Elementary PENNCREST Cyber Academy	Secondary Out of District Cyber	Secondary PENNCREST Cyber Academy
<b>14-15</b>	32	0	72	0
<b>15-16</b>	35	0	81	0
<b>16-17</b>	26	0	91	0
<b>17-18</b>	44	0	98	0
<b>18-19</b>	42	0	84	9
<b>19-20</b>	28	2	79	20
<b>20-21</b>	47	129	85	131
<b>21-22</b>	35	29	60	93

# Next Steps



# Thank You

